

4 Results

4.1 Stakeholders, Needs & Issues By County

This section of the document contains the results from the information-gathering process within each county. **Important Note:** In many of the meetings held in individual counties, there were issues brought up which are not consortium issues, or issues that can or should be addressed at the consortium level. These concerns have all been documented in the meeting minutes from those meetings (which all appear in an appendix to this document), but they may not be repeated or documented in this section. The concentration in this document was on items relevant to and addressable by the consortium.

Appendix D – Radio Inventory Summary contains a detailed listing of the radio inventories of those agencies who answered questionnaires. If questionnaires were not answered, there may not be an entry for those agencies. The one notable exception is Fallon County, where Chuck Lee sent the Project Manager a good deal of information about radios in that county.

4.1.13 Wibaux County

County Representative: Frank Datta, County DES Coordinator & Coroner. 406-796-2218

Number Of County Stakeholder Questionnaires Returned: 4

Number Of County Agencies Represented By Questionnaires: 5

4.1.13.1 County Stakeholder Interactions

The following matrix details the major stakeholders in the county and how they interact with each other.

Wibaux County	Montana Highway Patrol	BLM	Forest Service	FBI	MDOT	DNRC	FVP	Montana Army National Guard	Wibaux County Sheriff's Office	Wibaux County DES	Wibaux County Road Dept.	Wibaux County Coroner	Fallon County (Baker) Dispatch	TAB Electronics	McKenzie County, ND	Golden Valley County, ND	Fallon County, MT	Prairie County, MT	Dawson County, MT	Richland County, MT	Wibaux County Fire Warden	Wibaux County Ambulance	Wibaux Public Schools	Goldenwest Electric Coop	Wibaux County Nursing Home	Dept. of Livestock	Beach Fire Dept.	Beach Ambulance Service	Carter County, Montana
Montana Highway Patrol																													
BLM	E																												
Forest Service	E	E																											
FBI	E	E	E																										
MDOT	E	E	E	E																									
DNRC	E	E	E	E	E																								
FVP	E	E	E	E	E	E																							
Montana Army National Guard	E	E	E	E	E	E	E																						
Wibaux County Sheriff's Office	E	E	E	E	E	E	E	E																					
Wibaux County DES	E	E	E	E	E	E	E	E	E																				
Wibaux County Road Dept.	E	E	E	E	E	E	E	E	E	E																			
Wibaux County Coroner	E	E	E	E	E	E	E	E	E	E	E																		
Fallon County (Baker) Dispatch	E	E	E	E	E	E	E	E	E	E	E	E																	
Wibaux County VFD	E	E	E	E	E	E	E	E	E	E	E	E	E																
TAB Electronics	E	E	E	E	E	E	E	E	E	E	E	E	E	E															
McKenzie County, ND	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E														
Golden Valley County, ND	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E													
Fallon County, MT	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E												
Prairie County, MT	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E											
Dawson County, MT	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E										
Richland County, MT	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E									
Wibaux County Fire Warden	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E								
Wibaux County Ambulance	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E							
Wibaux Public Schools	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E						
Goldenwest Electric Coop	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E					
Wibaux County Nursing Home	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E				
Dept. of Livestock	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E			
Beach Fire Dept.	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Beach Ambulance Service	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Carter County, Montana	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E

Figure 36 – Communication Interactions, Wibaux County



4.1.13.2 Questionnaire Results

Wibaux County Fire Dept.

Date of Interview or Survey Completion:

06/09/2005

Location of Agency:

Wibaux

Person Present And Agencies/Entities Represented:

Brian Nelson, Fire Chief, Wibaux County

Dale Evans, Ass't. Fire Chief, Wibaux County

Questions

1. Number of Channels? Simplex or Duplex?

15

2. List the frequencies your agency currently uses and how each is used.

Dispatched out of Fallon County.

3. Coverage

A. Approximately what percentage of your jurisdictional area is adequately covered?

90%

B. How acceptable is that coverage?

Not answered.

C. If unacceptable, why (Severe terrain, Gaps, Antenna Patterns, In-building Problems, etc.)?

Terrain

D. If acceptable, would an improvement still be desired? Why?

Yes.

E. Do you have mobile-to-mobile coverage countywide? If not, do you need it?

No.

4. Current Loading

A. Number of Mobile Units:

12

B. Number of Portable Unit:

Approx. 22

5. Any units currently P25 capable/enabled? Which ones?

No.

6. Dispatch

A. How is dispatch conducted?

Not answered.

B. From where?

Baker, MT (Fallon County)

C. Hardware Used?

Dispatched out of Fallon County.

D. Number of Positions?

Not answered.

E. Adequate? If not, why? How could it be improved?

Not answered.

7. Sharing of System

A. Is your system currently being shared?

Amb, County Road Crew

B. Which parts and with whom?

Not answered.

8. What is good about your current system?

Not answered.

9. What are the issues, problems, or challenges with your current system not already covered above?

Not enough coverage.

10. What other agencies do you need to communicate with?

A. On a day-to-day (administrative) basis:

Not answered.

B. On an emergency basis:

Mutual Aid with surrounding communities, Ambulance crew, Sheriff's Dept.

11. Please describe your radio communications during typical day-to-day (administrative) activities and during emergencies.

Not answered.

12. List, in priority order, up to five (5) communications improvements needed from initial dispatch to call completion.

1. *Mobile-to-mobile coverage*
2. *More coverage on portable*
- 3.
- 4.
- 5.

13. List, in priority order, up to five (5) factors that will be critical to future radio system in your county, city, or area of jurisdiction.



1. *Affordability.*
2. *Maintainability.*
- 3.
- 4.
- 5.

- 14. Please use this space to add any items or comments which you would like to make that have not been covered above.**

Not answered.



Wibaux County Sheriff

Date of Interview or Survey Completion:

Not answered.

Location of Agency:

*Wibaux, MT 59353
203 S. Wibaux St.*

Person Present And Agencies/Entities Represented:

Darby S. Harrington – Sheriff

Questions

1. Number of Channels? Simplex or Duplex?

?

2. List the frequencies your agency currently uses and how each is used.

*Wibaux Co. – day to day communication
Silver Channel – car to car communication
Gold Channel – contact with D.O.T.
Golden Valley Co. (ND) – emergency communication
Fallon Co. – As needed
Dawson Co. – As needed
Richland Co. – As needed
Prairie Co. – As needed*

3. Coverage

A. Approximately what percentage of your jurisdictional area is adequately covered?

80%

B. How acceptable is that coverage?

Fair to Good

C. If unacceptable, why (Severe terrain, Gaps, Antenna Patterns, In-building Problems, etc.)?



N/A

D. If acceptable, would an improvement still be desired? Why?

Yes. 100% coverage would be great!

E. Do you have mobile-to-mobile coverage countywide? If not, do you need it?

Not on sheriff's freq., we use Silver (car to car) when we have to.

4. Current Loading

A. Number of Mobile Units:

3

B. Number of Portable Unit:

5

5. Any units currently P25 capable/enabled? Which ones?

?

6. Dispatch

A. How is dispatch conducted?

From an adjoining county, Fallon.

B. From where?

Baker, MT

C. Hardware Used?

Not answered.

D. Number of Positions?

Not answered.

E. Adequate? If not, why? How could it be improved?

Not answered.

7. Sharing of System

A. Is your system currently being shared?

No

B. Which parts and with whom?

Not answered.

8. What is good about your current system?

Works good overall, full coverage is really the only problem.

9. What are the issues, problems, or challenges with your current system not already covered above?

[See question 8]

10. What other agencies do you need to communicate with?

A. On a day-to-day (administrative) basis:

Wibaux Co., MHP, State Hwy.

B. On an emergency basis:

Golden Valley Co. (ND), Fallon Co., Richland Co., McKenzie Co., (ND), Prairie Co., possibly Carter Co.

11. Please describe your radio communications during typical day-to-day (administrative) activities and during emergencies.

Not answered.

12. List, in priority order, up to five (5) communications improvements needed from initial dispatch to call completion.

- 1. Full county wide coverage*
- 2. Encryption*
- 3. Full mobile to mobile coverage*



- 4.
- 5.

13. List, in priority order, up to five (5) factors that will be critical to future radio system in your county, city, or area of jurisdiction.

1. *Affordability*
2. *Simplicity*
3. *Maintenance*
- 4.
- 5.

14. Please use this space to add any items or comments which you would like to make that have not been covered above.

Not answered.



Wibaux County DES and Coroner

Date of Interview or Survey Completion:

June 9, 2005

Location of Agency:

Wibaux County, MT

Person Present And Agencies/Entities Represented:

Frank Datta

Wibaux County DES Coordinator and

Wibaux County Coroner

Questions

1. Number of Channels? Simplex or Duplex?

Numerous

2. List the frequencies your agency currently uses and how each is used.

Wibaux Co. Repeater:

158.895 & 156.015

Wibaux Sheriff's Repeater

155.670 & 154.950

3. Coverage

A. Approximately what percentage of your jurisdictional area is adequately covered?

90%

B. How acceptable is that coverage?

Workable but could use improvement

C. If unacceptable, why (Severe terrain, Gaps, Antenna Patterns, In-building Problems, etc.)?

Needs another repeater

D. If acceptable, would an improvement still be desired? Why?

Yes. 100% would be better

E. Do you need mobile-to-mobile coverage countywide?

Yes

4. Current Loading**A. Number of Mobile Units:**

One

B. Number of Portable Unit:

One

5. Any units currently P25 capable/enabled? Which ones?

One portable is capable

6. Dispatch**A. How is dispatch conducted?**

From Fallon County Dispatch Center in Baker, Montana

B. From where?

Fallon County Dispatch Center in courthouse in Baker

C. Hardware Used?

Not answered.

D. Number of Positions?

Not answered.

E. Adequate? If not, why? How could it be improved?

Not answered.

7. Sharing of System

A. Is your system currently being shared?

Yes

B. Which parts and with whom?

All shareholders use one or the other repeater.

8. What is good about your current system?

You can communicate with other county agencies.

9. What are the issues, problems, or challenges with your current system not already covered above?

Not answered.

10. What other agencies do you need to communicate with?

A. On a day-to-day (administrative) basis:

Baker Dispatch

B. On an emergency basis:

Sheriff, Fire, EMS, Dispatch

11. Please describe your radio communications during typical day-to-day (administrative) activities and during emergencies.

Not answered.

12. List, in priority order, up to five (5) communications improvements needed from initial dispatch to call completion.

Not answered.

- 1.
- 2.
- 3.
- 4.
- 5.



- 13. List, in priority order, up to five (5) factors that will be critical to future radio system in your county, city, or area of jurisdiction.**

Not answered.

- 1.
- 2.
- 3.
- 4.
- 5.

- 14. Please use this space to add any items or comments which you would like to make that have not been covered above.**

Not answered.



Wibaux County Ambulance Service

Date of Interview or Survey Completion:

Not answered.

Location of Agency:

Fire Hall, Wibaux

Person Present And Agencies/Entities Represented:

Not answered.

Questions

1. Number of Channels? Simplex or Duplex?

One

2. List the frequencies your agency currently uses and how each is used.

Unknown

3. Coverage

A. Approximately what percentage of your jurisdictional area is adequately covered?

85%

B. How acceptable is that coverage?

Fair – Good

C. If unacceptable, why (Severe terrain, Gaps, Antenna Patterns, In-building Problems, etc.)?

Terrain

D. If acceptable, would an improvement still be desired? Why?

Yes

E. Do you have mobile-to-mobile coverage countywide? If not, do you need it?

No. Yes.

4. Current Loading

A. Number of Mobile Units:

2

B. Number of Portable Unit:

10-12

5. Any units currently P25 capable/enabled? Which ones?

Unknown

6. Dispatch

A. How is dispatch conducted?

Through Baker Dispatch

B. From where?

Baker

C. Hardware Used?

Unknown

D. Number of Positions?

Unknown

E. Adequate? If not, why? How could it be improved?

Better Coverage Area

7. Sharing of System

A. Is your system currently being shared?

Yes

B. Which parts and with whom?

Fire Dept & County Road Crew & Mutual Aid.

8. What is good about your current system?

It works most of the time.

9. What are the issues, problems, or challenges with your current system not already covered above?

All of the above.

10. What other agencies do you need to communicate with?**A. On a day-to-day (administrative) basis:**

Not answered.

B. On an emergency basis:

Hospitals & Advanced Life Support in North Dakota.

11. Please describe your radio communications during typical day-to-day (administrative) activities and during emergencies.

It is adequate by needs help. Some areas of county are not accessible by radio.

12. List, in priority order, up to five (5) communications improvements needed from initial dispatch to call completion.

1. *Better coverage area*
2. *Encrypted channel for privacy issues.*
3. *Power outage issues.*
- 4.
- 5.

13. List, in priority order, up to five (5) factors that will be critical to future radio system in your county, city, or area of jurisdiction.

1. *Unknown*
- 2.
- 3.



4.

5.

14. Please use this space to add any items or comments which you would like to make that have not been covered above.

Not answered.

4.1.13.3 County Concerns or Issues

1. Communications Improvements

The following pie chart depicts the communications improvements desired by the responding stakeholders in this county:

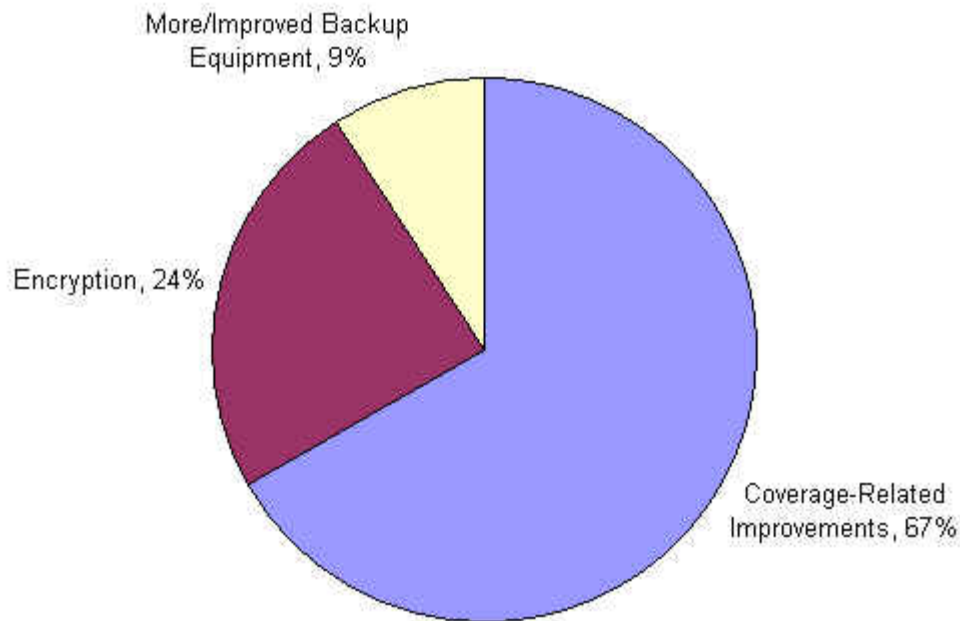


Figure 37 – Communications Improvements, Wibaux County

How to read this chart:

Stakeholders were asked to list, in priority order, the top five communications improvements they would like to see. Those items ranked higher were given a higher point value than those ranked lower. A percentage was then calculated. If the chart contains less than five “wedges,” this means the stakeholders did not list the full five possible items.

2. Success Factors

The following chart depicts the success factors considered critical by the responding stakeholders in this county in order for the Eastern Tier radio project to be successful.

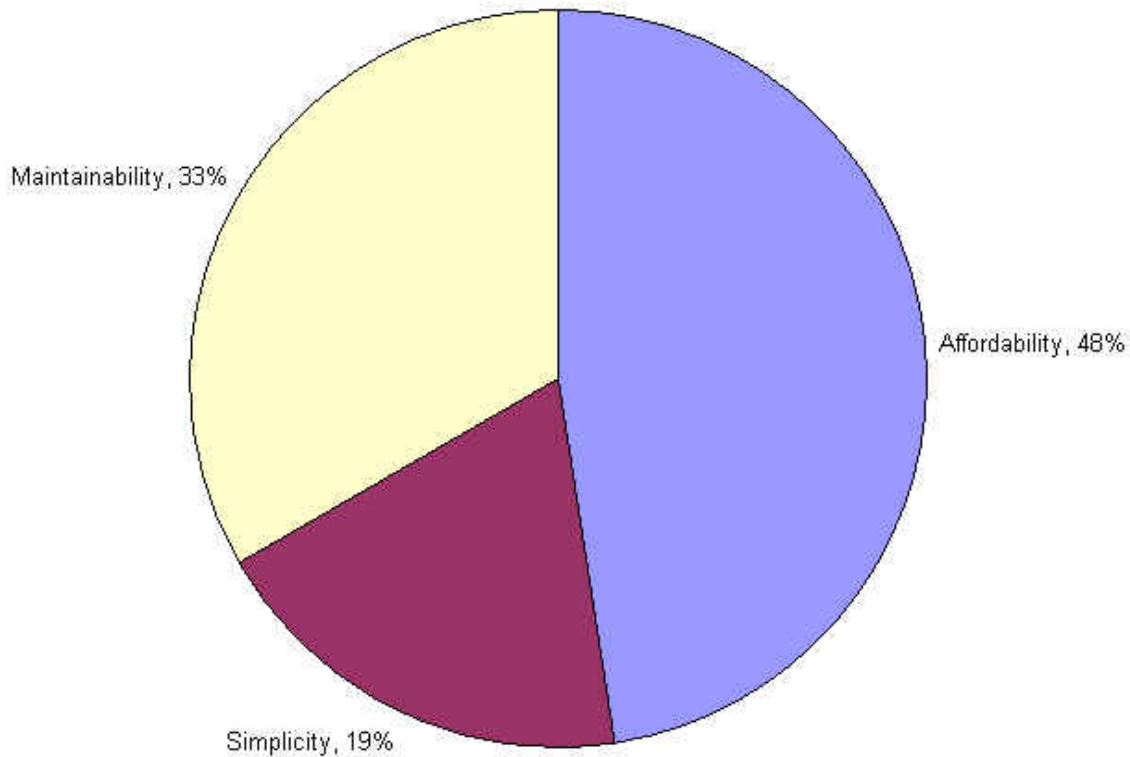


Figure 38 – Critical Success Factors, Wibaux County

How to read this chart:

Stakeholders were asked to list, in priority order, the top five factors they felt were most necessary for the Eastern Tier radio project to be successful. Those items ranked higher were given a higher point value than those ranked lower, in order to give higher-ranked items more weight. A percentage for each item was then calculated. If the chart contains less than five items (“wedges”), this indicates the stakeholders did not list the full five possible items.

Some of the same items often appear in both the communications improvements chart and the critical success factors chart. This indicates that these items are very important to the stakeholders.

3. Major Dead Spots

Several dead spots were identified:

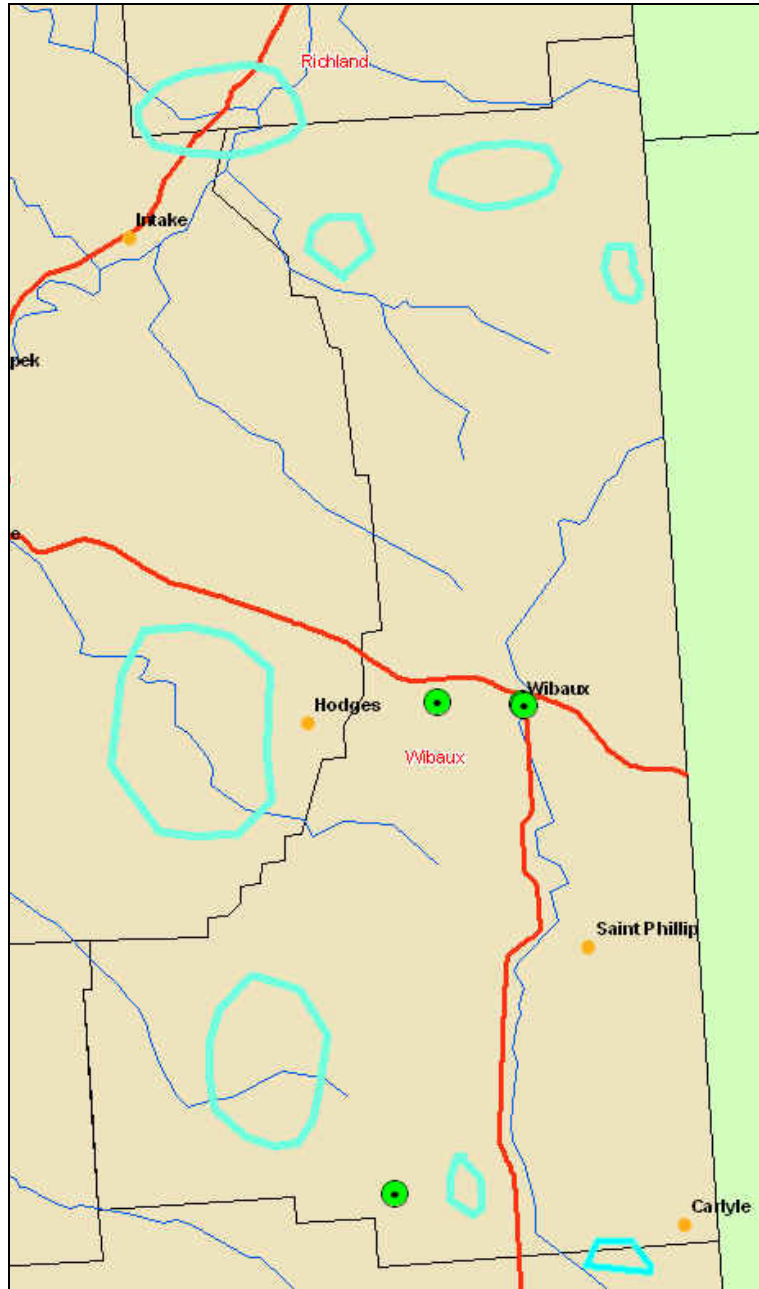


Figure 39 – Dead Spots, Wibaux County

Note: Location of “dead spots” is very approximate. In addition, some areas within the dead spots will have better reception than others.



4. Two Dispatch Channels

Wibaux County is dispatched out of Baker. There are currently two dispatch channels for Wibaux County, one for the sheriff and one for everyone else. This can cause confusion on the part of the dispatch people as to who is calling.